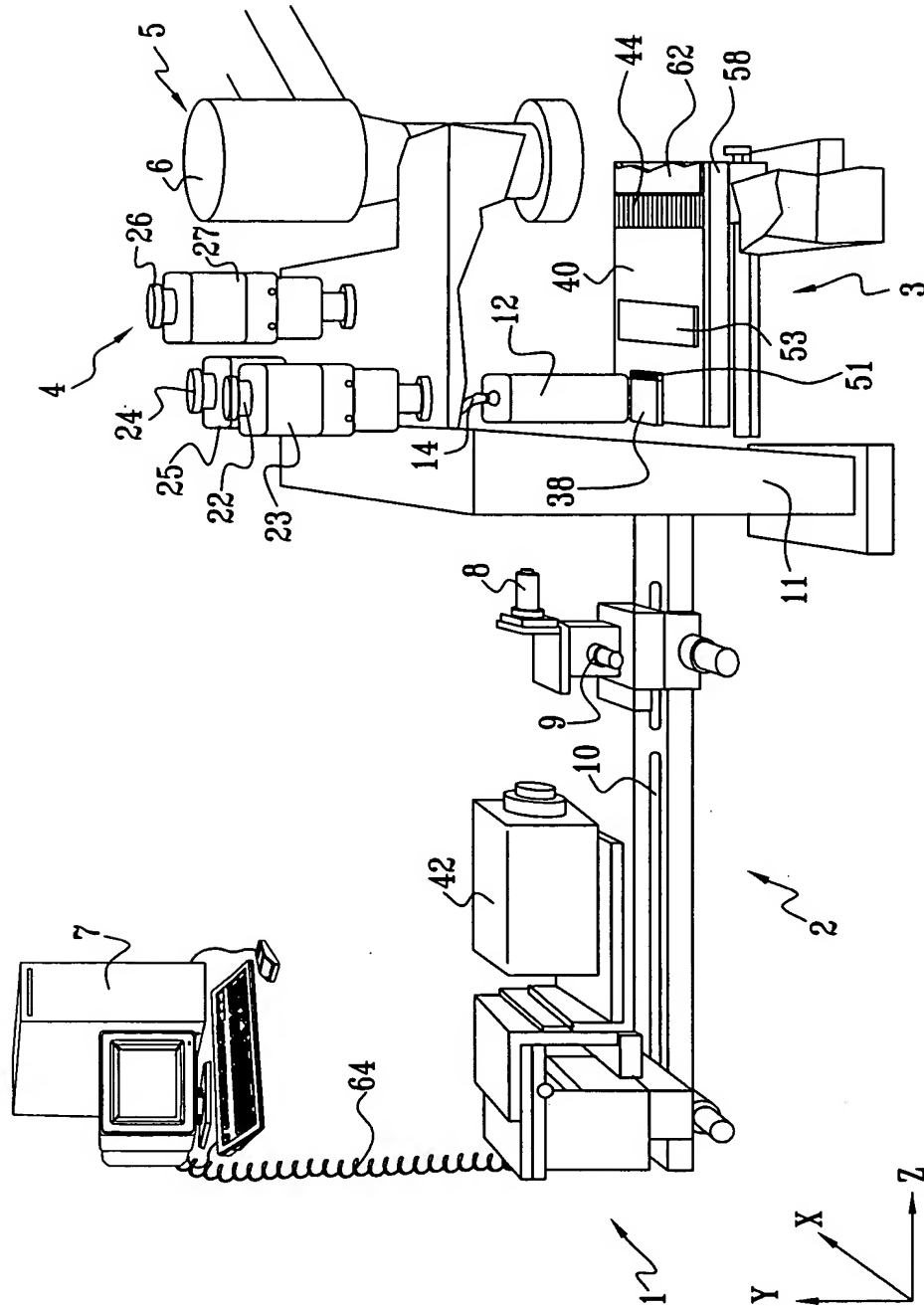




FIG. 1





PIEZO Y

0.00

JOG SIZE MICRON

48.0

0.1 1.0 10.0 100.0 1000.0

30

25

20

15

10

5

0

JOG CONTROL

ROLL Z-
(RAISES FAR SIDE)

ROLL Z-
(OUT FAR SIDE)

Z- IN

OUT Z+

ROLL Y-
(IN FAR SIDE)

ROLL Z-
(LOWERS FAR SIDE)

PIEZO X

0.00

0 5 10 15 20 25 30

NANOSTEP POSITION

0 0.0592 Z 70

78 2.9281 0Z ROLL

76 3.7760 0Y ROLL

BACKLASH COMPENSATE

☐ OFF

CONFIG NAME

XXXXXXX

NANOSTEP NAMES

0 Z-OPTICAL Z̄

THETA Z θZ

THETA Y θY

THETA Y θY

PIEZO NAMES 72

0 Z-OPTICAL X

74 y-OPTICAL Y

QUIT HOME

FIG. 4A

MAP FOR FIGS.
4A, 4B, 4C, 4D

4A	4B
4C	4D

(NO ERROR)(ERROR OUT)

STATUS

OFF

CODE

0

SOURCE

STATUS

OFF

CODE

0

SOURCE

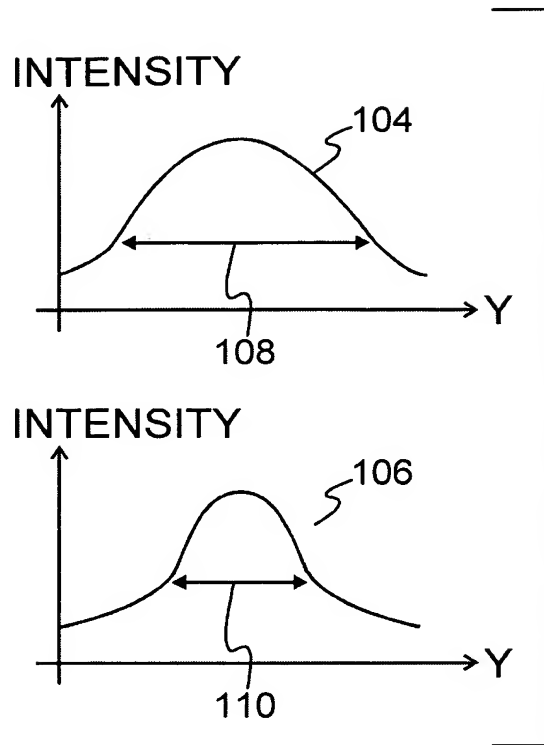


FIG. 11

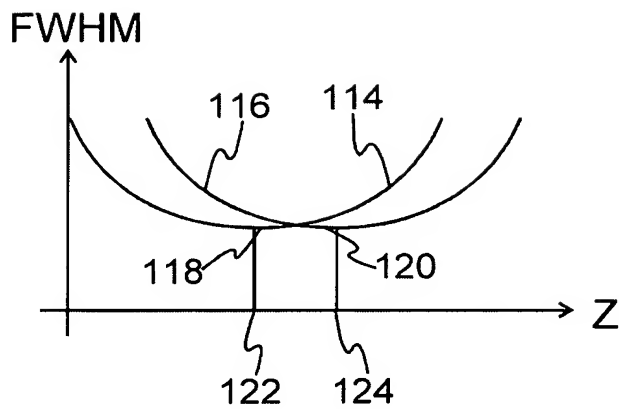


FIG. 12

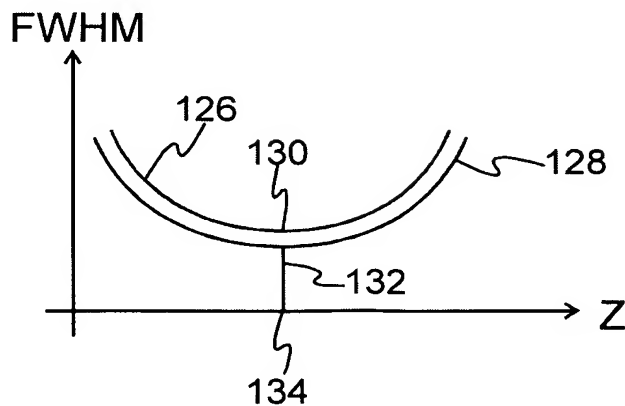


FIG. 13

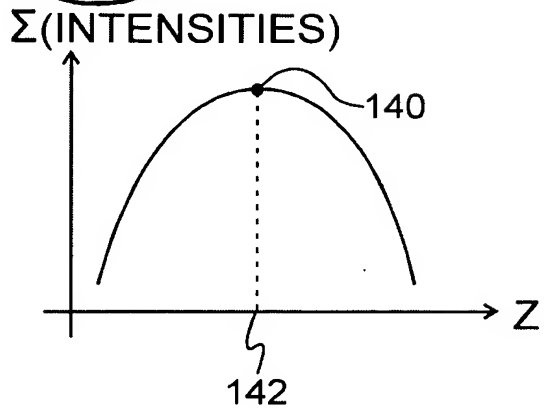


FIG. 14

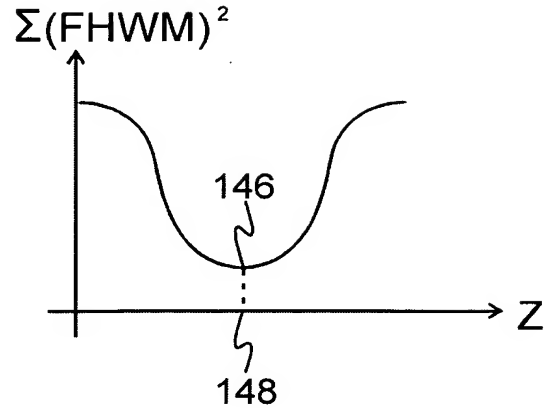


FIG. 15

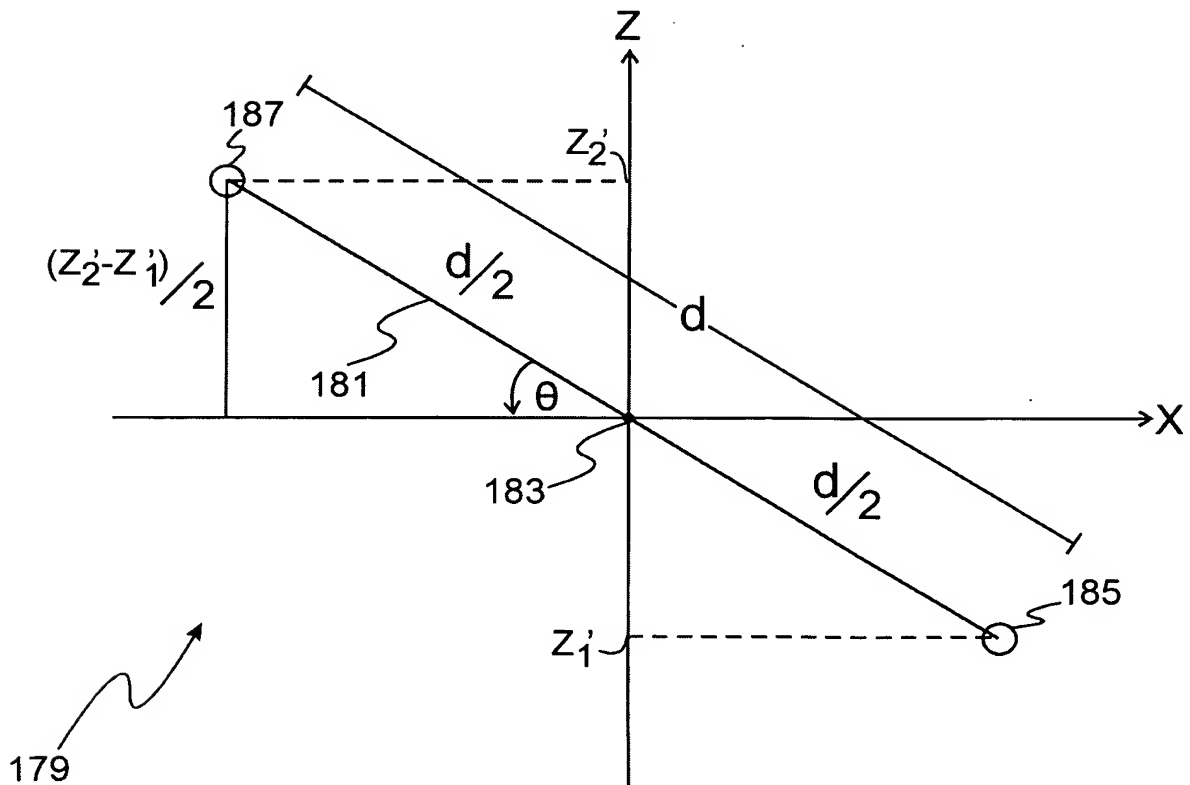


FIG. 18

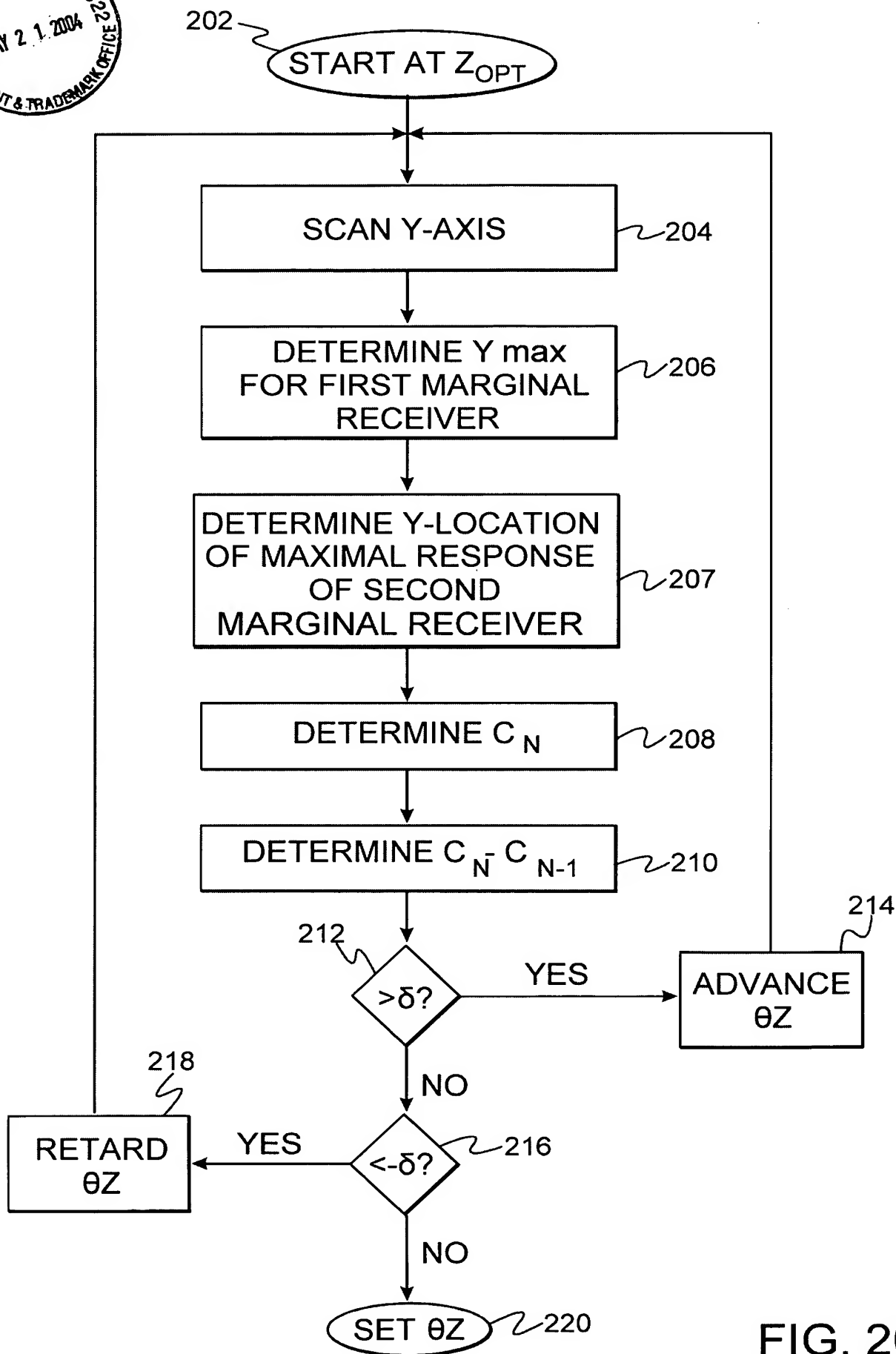


FIG. 20